

Validation Summary: User Feedback & Insights

NutriTrack AI

Validation Summary: User Feedback & Insights

1. Healthcare Provider Validation >> Hospital Nurse in postoperative enteral feeding care

Status: Workflow Relevance & Practical Value Confirmed

Key Feedback: The nurse found the app practical and relevant for postoperative patients who continue enteral feeding after discharge. She said it is easy to use, helps reduce calculation errors, and supports clearer feeding instructions for caregivers at home. She also noted that having a Thai language option is a major advantage, as it makes the app easier for Thai caregivers to understand and follow correctly.

Requested Features:

- Discharge Feeding Summary: A one-page summary showing formula type, target volume, feeding frequency, and titration steps that can be explained to caregivers before discharge.
- Safety Alert System: Built-in alerts for common warning signs such as diarrhea, vomiting, abdominal distension, or poor intake tolerance, prompting users to seek medical advice.

2. Caregiver Validation (Primary End-Users) >> Family caregiver of patient receiving home tube feeding

Status: Problem-Solution Fit Confirmed

Key Feedback: The caregiver said feeding adjustment at home is often confusing, so the app would be very helpful in daily care. She found it easy to understand and said it would give her more confidence, especially because most family caregivers are not medically trained.

Requested Features:

- Step-by-Step Preparation Guide: A simple visual guide showing how much formula and water to prepare for each feed.
- Reminder and Notification Tools: Alerts for feeding times, water flushing, and follow-up nutrition checks.
- Daily Intake Log: A feature that allows caregivers to record actual intake, leftover feed, and tolerance symptoms, and submit this information to the hospital system for follow-up by healthcare providers.